

# High Performance iERS Soft Starters

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A soft-start system is a device designed to eliminate the stresses that result from motor starting, both electrical and mechanical. Installing a soft starter is an effective method of reducing these stresses, which contributes to longer equipment life.

The VMX-Synergy series from Motortronics combines outstanding features, performance and size, setting new standards in soft-start system design. The state-of-the-art soft-start series is equipped with innovative iERS (Intelligent Energy Recovery System) technology. It enables real reductions in power consumption of up to 30% and provides unparalleled soft-start performance.

## BASIC DATA:

- Current range: 17-500 A, for 3-phase/4-pole motors (50/60Hz).
- Motor overload protection and replaceable fans.
- Color touch screen.
- Certifications: compliance with UL 508 and CSA 22.2 No. 14 standards.

## ADDITIONAL OPTIONS:

- Storage of detailed data to help identify emergency conditions.
- Software updates: firmware upgradability.
- Extensive input/output programmability.

A single-phase Synergy demonstration unit (VMX-SGY-DEMO) can be purchased.

## GALERIA PRODUKTU WRAZ Z PRZYKŁADOWYMI REALIZACJAMI



**No. Part No. VMX-Synergy****Electrical Parameters****17 - 500Amps / 7.5 - 630kW (208V-480V)**

1	VMX-SGY-101-4-01	17A TC10 200-480Vac
2	VMX-SGY-103-4-01	22A TC10 200-480Vac
3	VMX-SGY-105-4-01	29A TC10 200-480Vac
4	VMX-SGY-107-4-01	35A TC10 200-480Vac
5	VMX-SGY-109-4-01	41A TC10 200-480Vac
6	VMX-SGY-111-4-01	55A TC10 200-480Vac
7	VMX-SGY-113-4-01	66A TC10 200-480Vac
8	VMX-SGY-115-4-01	80A TC10 200-480Vac
9	VMX-SGY-117-4-01	100A TC10 200-480Vac
10	VMX-SGY-201-4-01	132A TC10 200-480Vac
11	VMX-SGY-203-4-01	160A TC10 200-480Vac
12	VMX-SGY-205-4-01	195A TC10 200-480Vac
13	VMX-SGY-301-4-01	242A TC10 200-480Vac
14	VMX-SGY-303-4-01	302A TC10 200-480Vac
15	VMX-SGY-305-4-01	361A TC10 200-480Vac
16	*VMX-SGY-307-4-02 430A	TC10 200-480Vac 110Vac
17	*VMX-SGY-307-4-03 430A	TC10 200-480Vac 230Vac
18	*VMX-SGY-309-4-02	500A TC10 200-480Vac 110Vac
19	*VMX-SGY-309-4-03	500A TC10 200-480Vac 230Vac
20	*Specify 110V or 230V control voltage	

